

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052389

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D211/42 C07D413/12 C07D401/12 A61K31/395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/09311 A1 (F. HOFFMANN-LA ROCHE AG, SWITZ.) 13 March 1997 (1997-03-13) cited in the application the whole document	1-10
Y	GULLER, ROLF ET AL: "Piperidine-renin inhibitors compounds with improved physicochemical properties" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS ; ISSN: 0960-894X, vol. 9, no. 10, 1999, pages 1403-1408, XP002317171 page 1404; compounds RAC-31 ----- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

01/03/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MARKI, H. P. ET AL: "Piperidine renin inhibitors: from leads to drug candidates" FARMACO, 56(1-2) ISSN: 0014-827X, 2001, pages 21-27, XP002317172 page 26; table 2; compounds 29-36	1-3,5-8, 10
X	HELMESTE, D.M.; ET AL.: "Serotonin uptake inhibitors modulate intracellular Ca ²⁺ mobilization in platelets" EUROPEAN JOURNAL OF PHARMACOLOGY, vol. 288, 1995, pages 373-377, XP002317173 the compound "PAROXETINE"	1-3,6-8, 10
X	WO 00/64887 A (F. HOFFMANN-LA ROCHE AG) 2 November 2000 (2000-11-02) page 1, line 8 - page 2, line 8 the examples	1-3,5-10
P,X	WO 2004/002466 A (SPEEDEL PHARMA AG; RIEDL, JUTTA; KANNAH, SATISH; DIETERLE, WALTER) 8 January 2004 (2004-01-08) page 12; example H	1-3,5-10
E	WO 2004/089903 A (WARNER-LAMBERT COMPANY LLC; CODY, WAYNE, LIVINGSTON; EDMUNDS, JEREMY,) 21 October 2004 (2004-10-21) the whole document	1-10
A	WO 00/64873 A (F. HOFFMANN-LA ROCHE AG) 2 November 2000 (2000-11-02) the whole document	1-10
A	BURSAVICH, M.G.; ET AL.: ORGANIC LETTERS, vol. 3, no. 15, 2001, pages 2317-2320, XP002317174 the whole document	1-10
A	BURSAVICH, M.G.; ET AL.: ORGANIC LETTERS, vol. 3, no. 17, 2001, pages 2625-2628, XP002317175 the whole document	1-10
A	VIEIRA, E.; ET AL.: BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS, vol. 9, 1999, pages 1397-1402, XP002317176 the whole document	1-10

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 9 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052389

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9709311	A1	13-03-1997	
		AT 242213 T	15-06-2003
		AU 708616 B2	05-08-1999
		AU 6743296 A	27-03-1997
		BR 9610385 A	06-07-1999
		CA 2230931 A1	13-03-1997
		CN 1202152 A	16-12-1998
		CZ 9800684 A3	14-10-1998
		DE 59610509 D1	10-07-2003
		DK 863875 T3	01-12-2003
		EP 0863875 A1	16-09-1998
		ES 2201192 T3	16-03-2004
		HU 9900926 A2	28-09-1999
		IL 123293 A	24-06-2003
		JP 11500447 T	12-01-1999
		MA 23967 A1	01-04-1997
		NO 980954 A	28-04-1998
		NZ 315677 A	28-02-2000
		PL 325425 A1	20-07-1998
		PT 863875 T	31-10-2003
		RU 2167865 C2	27-05-2001
		TR 9800409 T1	21-05-1998
		TW 474932 B	01-02-2002
		US 6051712 A	18-04-2000
		US 6150526 A	21-11-2000
		ZA 9607424 A	07-03-1997
WO 0064887	A	02-11-2000	
		AU 761392 B2	05-06-2003
		AU 4750100 A	10-11-2000
		BR 0010076 A	15-01-2002
		CA 2370244 A1	02-11-2000
		CN 1349524 T	15-05-2002
		CZ 20013737 A3	17-04-2002
		WO 0064887 A1	02-11-2000
		EP 1180103 A1	20-02-2002
		HU 0200881 A2	28-08-2002
		JP 3602449 B2	15-12-2004
		JP 2002543072 T	17-12-2002
		MX PA01010855 A	06-05-2002
		SK 15172001 A3	04-06-2002
		TR 200103067 T2	21-05-2002
		US 6197959 B1	06-03-2001
		ZA 200108739 A	23-01-2003
WO 2004002466	A	08-01-2004	
		WO 2004002466 A1	08-01-2004
WO 2004089903	A	21-10-2004	
		WO 2004089903 A1	21-10-2004
		US 2004204455 A1	14-10-2004
WO 0064873	A	02-11-2000	
		AU 763718 B2	31-07-2003
		AU 4296800 A	10-11-2000
		BR 0010080 A	15-01-2002
		CA 2370888 A1	02-11-2000
		CN 1349503 T	15-05-2002
		CZ 20013854 A3	17-04-2002
		WO 0064873 A1	02-11-2000
		EP 1175400 A1	30-01-2002
		HK 1045999 A1	21-10-2004
		HU 0203669 A2	28-02-2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052389

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0064873	A	JP 2002543063 T	17-12-2002
		MX PA01010934 A	06-05-2002
		NO 20015206 A	25-10-2001
		NZ 514981 A	27-02-2004
		PL 353442 A1	17-11-2003
		RU 2213731 C2	10-10-2003
		TR 200103095 T2	22-04-2002
		US 2002087002 A1	04-07-2002
		US 6376672 B1	23-04-2002
		ZA 200108735 A	23-01-2003